



ANCHOR
by **Panasonic**



India's Trusted Wiring Expertise
NOW ENGINEERED FOR SOLAR PERFORMANCE



BIS Certified

SOLAR DC CABLE

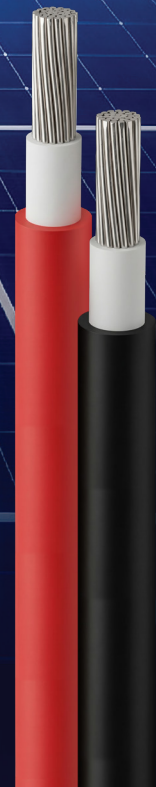
Designed for High Performance Solar Installations

100% QCO Compliant
for Indian Market

Preferred Choice of
EPCs & Developers

Built for High
DC Voltage Performance

Enhanced Fire Safety
and Durability



SOLAR DC CABLE



Panasonic Life Solutions India Pvt. Ltd. brings together Japanese engineering excellence and decades of trusted expertise in electrical solutions.

Crafted in world-class, ISO-certified facilities, our products reflect a commitment to precision, safety, and long-term performance.

Extending this legacy into renewable energy, we present Solar DC Cables thoughtfully engineered to deliver consistent performance, durability, and reliability for solar applications.

Product Name	Solar DC Cable
Standards & Compliance	Manufactured as per IS 17293:2020
Voltage Rating	Up to 1500V DC
Temperature Range	-40°C to +90°C
Conductor	Class 5 Flexible Tinned Copper
Insulation & Sheath	XLPO
Sizes	4 sqmm, 6 sqmm
Packaging	500M Coil / 2000M Drum
Colour Available	Black, Red, Black with Red Strips



Indian Standard Compliance

- Mandatory BIS/ISI (Solar DC Cable QCO 2023)
- Aligned with IEC 62930, EN 50618



Premium Cable Construction

- Halogen-free, flame retardant
- High UV, ozone & weather resistance
- Excellent chemical & water resistance
- High short-circuit current capacity



Designed for Harsh Conditions

- Short-circuit temp up to 250°C
- Low smoke & non-toxic emission
- 25+ years service life

Cable Designed Parameters

Nominal Cross-sectional area (Sq.mm)	Nominal Insulation thickness (mm)	Nominal Sheath thickness (mm)	Nominal Cable Diameter (mm)	Current carrying capacity according to method of installation			Maximum DC Conductor Resistance at 20°C (Ω/km)
				Single Cable Free in Air (Amp)	Single Cable on a Surface (Amp)	Two Loaded Cable Touching on a Surface (Amp)	
4.0	0.7	0.8	6.6	52	49	41	5.09
6.0	0.7	0.8	7.2	66	63	53	3.39

Typical Applications

PV Module to String | String Box to Inverter | Rooftop Solar Installations | Utility Scale Solar Power Plants

All the values indicated in this data sheet are subject to change without prior announcement. The specifications may vary slightly. These images are for representation only, actual product may vary in terms of color & appearance.

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